

ABSTRACT OF THE DISCLOSURE

Disclosed is a densification process of a W-Cu composite material, and more particularly, a sintering method for a W-Cu composite material without exuding of Cu. The sintering method comprises the steps of: holding a W-Cu composite power compact for a certain time at a Cu solid phase temperature or at a temperature just above a melting point and thus inducing a nearly complete densification; and sintering for a short time at a Cu liquidus temperature.